



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.01.2000 Bulletin 2000/04

(51) Int. Cl.⁷: **G06F 1/00**

(43) Date of publication A2:
27.10.1999 Bulletin 1999/43

(21) Application number: **99104946.1**

(22) Date of filing: **12.03.1999**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
 Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **23.04.1998 US 66505**

(71) Applicant:
Siemens Information and Communication
Networks Inc.
Boca Raton, FL 33487 (US)

(72) Inventors:
 • **Shaffer, Shmuel**
Palo Alto, CA 94301 (US)
 • **Beyda, William J.**
Cupertino, CA 95014 (US)

(74) Representative: **Allen, Derek**
Siemens Group Services Limited,
Intellectual Property Department,
Siemens House,
Oldbury
Bracknell, Berkshire RG12 8FZ (GB)

(54) **Method and system for providing data security and protection against unauthorised telephonic access**

(57) A method and system for providing security for a computing device include resolving conflicts between a password-protected screen saver and communication notification capabilities by selectively enabling access to specific communications when the computing device is in a locked mode. The screen saver of the computing device is configured to switch the device from a normal operative mode to a locked mode in response to detection of a preset condition, such as the expiration of an idle-time timer. The computing device then remains in the locked mode until a preset authorization condition is recognized, e.g., entering a password. However, with the computing device in the locked mode, a subset of communication access capabilities is enabled. Specifically, notification of incoming communications is enabled. Preferably, connectivity for select types of outgoing calls is also enabled, e.g., connectivity for emergency calls. In the preferred embodiment, the conflicts are resolved by integrating the screen saver with communication access capabilities in a single software package. Also in the preferred embodiment, the communication access capabilities are provided by a telephony over LAN application and a switch to the locked mode is disabled during communication sessions involving the computing device.

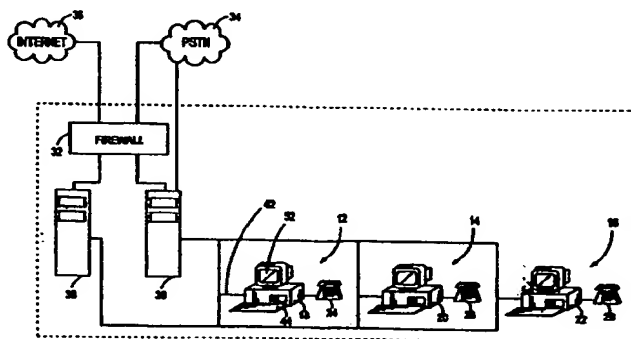


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 10 4946

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A,P	WO 98 23062 A (T-NETIX INC.) 28 May 1998 (1998-05-28) * page 29, line 17 - page 30, line 23; figure 11 *	1-3,9, 10,12, 15,20	G06F1/00
A,P	WO 98 30017 A (VISIONICS CORP.) 9 July 1998 (1998-07-09) * page 14, line 22 - page 15, line 9; figure 5 *	1,3,9, 12,15,20	
A	ANON.: "Hardware monitor security feature" IBM TECHNICAL DISCLOSURE BULLETIN, vol. 32, no. 3A, August 1989 (1989-08), pages 284-285, XP000049463 NEW YORK US * abstract *	1-3,9,20	
A	WO 97 49217 A (BELLSOUTH CORP.) 24 December 1997 (1997-12-24) * page 1, line 11 - line 16 * * page 21, line 9 - page 22, line 31; figures 1,2 *	1,3,15, 20	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G06F
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 3 December 1999	Examiner Taylor, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03 A2 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 10 4946

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

03-12-1999

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9823062	A	28-05-1998	AU	7304798 A		10-06-1998
			EP	0938793 A		01-09-1999

WO 9830017	A	09-07-1998	AU	5711598 A		31-07-1998

WO 9749217	A	24-12-1997	US	5901284 A		04-05-1999
			AU	711389 B		14-10-1999
			AU	3396097 A		07-01-1998
			CA	2257992 A		24-12-1997
			EP	0906682 A		07-04-1999

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

THIS PAGE BLANK (USPTO)